



Biography

Department of the Army



Dr. William D. Lewis
Director for Aviation Development
U.S. Army Aviation and Missile Research,
Development & Engineering Center
Redstone Arsenal, AL



Dr. William D. Lewis was selected for the Senior Executive Service in July 2006. The Director for Aviation Development manages and directs the execution of the Aviation Science and Technology Program including basic research (6.1), applied research (6.2), and advanced technology development (6.3). He provides direct leadership of the Aviation Applied Technology Directorate, the Aero Flight Dynamics Directorate and the Aviation Systems Integration Facility. He is responsible for the success of the Army's multi-million dollar aviation science and technology program and is the Office of the Secretary of Defense lead for rotorcraft technology. The aviation science and technology funding averages \$100M to \$150M per year in the current Program Objective Memorandum and involves all efforts directed towards development of material for new or improved Army rotary wing and fixed wing aircraft including Unmanned Aerial Systems. He also serves as the Director of the National Rotorcraft Technology Center and as such represents the Army in the development, approval and execution of programs conducted by the Vertical Lift Consortium and the Vertical Lift Centers of Excellence.

CAREER CHRONOLOGY:

- 2006 – Dec 2011: Director, Aviation Engineering Directorate, U.S. Army Aviation and Missile Research, Development, and Engineering Center, Redstone Arsenal, AL
- 2004 – Jul 2006: Acting Director, Aviation Engineering Directorate, U.S. Army Aviation and Missile Research, Development, and Engineering Center, Redstone Arsenal, AL
- 2004 – 2004: Branch Chief, Flight Controls, Aeromechanics Division, Aviation Engineering Directorate, U.S. Army Aviation and Missile Research, Development, and Engineering Center, Redstone Arsenal, AL
- 2003 – 2004: Chief Engineer, RAH-66 Comanche Program, U.S. Army Aviation and Missile Research, Development, and Engineering Center, Redstone Arsenal, AL
- 2002 – 2003: Systems Engineer, Comanche Program, U.S. Army Aviation and Missile Research, Development, and Engineering Center, Redstone Arsenal, AL
- 1996 – 2002: Professor, University of Tennessee, Tullahoma, TN
- 1992 – 1996: Product Manager, US Army Aviation Systems Command, Ft Eustis, VA (Retired from Army after 21 years of service at rank of LTC)
- 1989 – 1992: Simulation Engineer, Atlanta, GA

- 1986 – 1989: Experimental Test Pilot, US Army Aviation Systems Command, Edwards Air Force Base, CA
- 1983 – 1985: Aerospace Engineer, US Army Aviation Systems Command, St. Louis, MO

COLLEGE:

- PhD, Aerospace Engineering, Georgia Institute of Technology
- MS, Aviation Management, Embry-Riddle Aeronautical University
- MS, Aeronautical Engineering, United States Air Force Institute of Technology
- BS, Applied Science and Engineering, U.S. Military Academy, West Point, NY

SIGNIFICANT TRAINING:

- U.S. Army Command and General Staff College
- U.S. Navy Test Pilot School
- Program Managers Course, Defense Systems Management College

AWARDS AND HONORS:

- Master Aviator Badge with 3800 flight hours in 53 types of aircraft

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS:

- Army Aviation Association of America
- American Helicopter Society
- Society of Experimental Test Pilots
- American Institute of Aeronautics and Astronautics